

# Weekly Report

Lin Bingru

2017.12.11 – 2017.12.17

## Practices

- Learn concepts of *em*, *rem*, *vw*, *vh* units and mechanics of web pages rendering on different devices and bring up some primitive ideas for annual paper submission.
- Learn and practice React.js on <http://huziketang.com/books/react/>.
- Learn and review D3.js on <http://chimera.labs.oreilly.com/books/12300000000345/index.html>.
- Learn basic theory about visualization on time-variant data and network data.
- Learn data science fundamentals from *Data Science from Scratch*.

## Paper Reading

- Multi-resolution Computer Display System
- i-m-Top: An Interactive Multi-resolution Tabletop System Accommodating to Multi-resolution Human Vision
- Automatically Adapting Web Pages to Heterogeneous Devices
- Automatically Scaling Android Apps for Multiple Screens
- Modeling Color Difference for Visualization Design

## Future Work

- Learn and practice React.js and D3.js and data science
- .....